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## Maine Perspective

Department of Public Affairs, University of Maine

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Baxter State Park was the living laboratory last month for 10 students in a Winter Ecology class, led by Associate Professor of Wildlife Fred Servello. The week-long experience class during Winter Session focuses on basic winter ecology, helping students develop skills as naturalists while learning the safety and the logistical aspects of working in a cold northern environment. The course is physically demanding in deep snow. Servello and the students skied six miles into the park with supplies and equipment to stay in two unheated cabins made available by Baxter State Park. Accompanying them were Wildlife Ecology Instructor Mike Bank and graduate student Dustin Perkins. Students spent the days doing track surveys and independent projects, such as donning snowshoes and recording the plant species and quantities browsed by moose in a regenerating clearcut site. Class continues well into the evening when students return to the cabin to analyze data, participate in seminars and make presentations. The winter ecology course was initiated years ago by Professor Emeritus of Wildlife Resources Ray Owen. Shown here taking a plant identification field quiz are, left to right, Steve Foley, Holly Moore and Peter Parizzi, with Servello.

*Photo courtesy of Winter Ecology class*

## Department of Art determined to find space on campus to meet student needs

In the past five years, the Department of Art's sculpture studio has grown exponentially. Once in the basement of a barn on campus with 900 square feet of space, the sculpture studio is now in the former fire station. With 4,200 square feet of space, there is room for a foundry, metalworking, woodworking and a variety of other media. Here, students have the opportunity to explore much more than before.

*Our goal is to be the best, most comprehensive public art program in northern New England. We have no doubt we can do this once our facilities meet the caliber of our programs, faculty and students.*

"We could still use a lot more room, but we've quadrupled the space, and students are thriving," says James Linehan, chair of the Department of Art. "The sculpture studio is just one example of how important adequate space is for teaching and learning environments.

"Now," he says, "it's time to solve the space crisis for the entire department."

The Department of Art has studios, offices and classrooms in nine different buildings on campus.

A new facility has been a priority capital improvement project in campus master planning for the past decade. Until the Museum of Art found a new home in downtown Bangor, plans called for a new visual arts building housing both. Now the Department of Art is on its own. It is estimated that an academic visual arts facility must have at least 50,000 square feet of space to accommodate existing programs in the department. Currently, the department exists in about 17,000 square feet.

*continued on page 14*

### In Perspective

- 2 Commission on Summer Programs**
- 5 Cabaret**
- 9 Early American Imprints**

*As a service to the University community, costs of producing Maine Perspective are underwritten by University Printing Services.*



# Redefining the perception of the UMaine summer experience

A provost's commission will spend this semester exploring ways to expand and enhance the UMaine summer experience for members of the University community and visitors.

The commission is one of five established by Robert Kennedy, vice president for academic affairs and provost, to address aspects of the University "that will reinforce and provide in-depth guidance concerning how (policies and actions) should be implemented." The commissions are at work while the University's five-year strategic plan is being redrafted and finalized this semester.

The eight-member Provost's Commission on Summer Programs will issue its action plan in May. Between now and then, the group will develop recommendations on how to make UMaine summers more academically active. It also is expected to look at UMaine in the summer as a natural venue for community events and a cultural destination for summer visitors to the state.

Commission chair Robert Cobb, dean of the College of Education and Human Development, sees the group's work as "redefining the perception of opportunities" regarding UMaine summers.

"What we recommend about summer programs at the University has to make sense academically," Cobb says. "Summer session will be looked at as a vehicle for people to continue academic development toward their goals.

"We also will look at ways of positioning the University to capitalize more fully on the summer months, including use of facilities. It makes good business sense to do that. This could be a potential new revenue stream that the University can generate for itself that is consistent with its academic mission and not competitive with private business."

The campus has been used in the summer for academic programming since 1895. For many years, the College of Education administered UMaine's summer school until responsibility shifted to the Continuing Education Division and Summer Session. As a result, more courses in other academic areas were offered.

## A decade of study finds early indications of declining lobster populations in the Gulf

A team of scientists from the University of Maine and Bigelow Laboratory for Ocean Sciences in West Boothbay Harbor has found early indications of a decline in the lobster population in the Gulf of Maine.

"The abundance of juvenile lobsters in key lobster-producing regions of mid-coast Maine appears to be declining," say Robert Steneck of the UMaine School of Marine Sciences and Lew Incze and Richard Wahle of Bigelow. "We expect landings in those regions and possibly elsewhere to decline sometime during the next two to four years. Given that lobsters are the single most valuable species in Maine's fisheries, we think it is important to alert the lobster industry, state managers, policymakers and the general public to our findings."

Preliminary estimates suggest that the decline in Penobscot Bay alone may be as much as 40 percent.

For more than a decade, Steneck, Incze and Wahle have been working to develop a means of predicting lobster abundance and landings. Their approach differs from those traditionally used in



"Particularly in the '70s and early '80s, we saw increased attractiveness of courses in the summer to people from away. People are attracted to Maine summers and we provided a good reason to come here with our courses," as well as not-for-credit classes, annual workshops and elderhostel-style programs.

That attractiveness diminished in the late 1980s when the University of Maine System Board of Trustees voted to charge non-resident versus in-state credit-hour rates to out-of-state students taking summer classes, Cobb says. In addition, fewer non-credit courses were held. With those popular selling points of the UMaine summer experience gone, out-of-state enrollments dropped rather precipitously.

In recent years, says Cobb, there has been an increase in the number of full-time UMaine students taking advantage of the calendar year to accelerate their programs with summer courses. For example, in 1990, Summer Session realized its highest enrollment. It is estimated that almost 80 percent of people enrolled in Summer Session are UMaine students.

The number of conferences being held on campus is up, as are non-credit academic and athletic activities for youth ages K-12.

"I am looking for increased opportunities for K-12 students to be here in the summer," says Cobb. "It's important for the youth of Maine to come to campus to see what a resource it is. If they come, their families will come, and that broadens the support for the University."

One of the biggest challenges in expanding summer offerings is in making facilities available in the summer and ready for the start of a new academic year, Cobb says.

"The whole summer housing issue is something the commission will examine," he says. "With so many attractions in the area like the

*continued on page 15*

### MAINE PERSPECTIVE PUBLISHING SCHEDULE

Publication dates and deadlines for spring issues of *Maine Perspective*:

Feb. 19 (copy deadline Feb. 9); March 5 (copy deadline Feb. 23);  
March 26 (copy deadline March 9); April 9 (copy deadline March 30);  
April 23 (copy deadline April 13); May 7 (copy deadline April 27).

## MAINE Perspective

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# Calendar

<http://calendar.umaine.edu>

# MAINE

All events are free and open to the public, unless specified. Any speaker not otherwise identified is a member of The University of Maine faculty, staff or student body. Send notices of upcoming campus events to: The University of Maine Master Calendar, Public Affairs. For the most up-to-date calendar listings, see <http://calendar.umaine.edu> or call 581-3745.

FEBRUARY 9 – 25

9 Friday

**"Educational Technology at UMaine,"** a Center for Teaching Excellence New Faculty Luncheon, with presentations by Bill Kuykendall, Robin Shaler and Andrei Strukov, noon-1:30 p.m., Feb. 9, Mahogany Room, Wells Conference Center. Registration required. x3472.

**Performance by Sean Ociepa,** part of the TGIF Music Series, noon-1 p.m., Feb. 9, Bangor Lounges, Union. x1793.

**Women's Ice Hockey: UMaine vs. Niagara,** 7 p.m., Feb. 9, Alford Arena. xBEAR.

**The Maine Event: Concert,** featuring such groups as Lonesome Polecats, Fork Spoon & Raspberry, offered by Maine Peace Action Committee, 9-11 p.m., Feb. 9, Bangor Lounge, Union. x1793.

10 Saturday

**Women's Snowshoe Day Hike,** a Maine Bound course, Feb. 10. Admission Fee. Registration required. x1794.

**Women's Ice Hockey: UMaine vs. Niagara,** 3 p.m., Feb. 10, Alford Arena. xBEAR.

**Faculty Recital by Baycka Voronietzky,** part of the School of Performing Arts season, 7:30 p.m., Feb. 10, Minsky Recital Hall. Admission Fee. x1755.

**Performance by Buddy Guy and Shemekia Copeland,** part of the Maine Center for the Arts performance season, 8 p.m., Feb. 10, Hutchins Concert Hall. Admission Fee. x1755.

11 Sunday

**Advanced Telemark Skiing,** a Maine Bound course, Feb. 11, Squaw Mountain. Admission Fee. Registration required. x1794.

**Kayak Rolling Pool Clinic,** a Maine Bound course, Feb. 11, Wallace Pool, Gym. Admission Fee. Registration required. x1794.

**Women's Basketball: UMaine vs. New Hampshire,** 1 p.m., Feb. 11, Alford Arena. Admission Fee. xBEAR.

12 Monday

**"The Outdoor Athlete,"** a Maine Bound course, Feb. 12, Lown Room, Union. x1794.

**"Muscle Design of Male Frogs in Relation to Temperature, Calling Behavior and Phylogeny,"** by Steve Ressel, College of the Atlantic, part of the Wildlife Ecology Noontime Seminar Series, noon, Feb. 12, 204 Nutting Hall. x2862.

**"Getting Over the Winter Blues,"** a Brown Bag Discussion, part of Winter Carnival, 12:15-1 p.m., Feb. 12, Bangor Lounges, Union. x1793.

**"Access to Geographic Scientific and Technical Data in an Academic Setting,"** by Bastiaan van Loenen, candidate for master's degree in spatial information science and engineering, 2 p.m., Feb. 12, 326 Boardman Hall.

13 Tuesday

**"There's Gold in Gray: Elders as Consumers, Employees and Advisors,"** by Lenard Kaye, Visiting Libra Professor in the College of Business, Public Policy and Health, part of the Emerging Business Issues for Maine series, 7:30-9 a.m., Feb. 13, Bangor Motor Inn and Conference Center. Admission Fee. Registration required. x1968.

**"Tell Me About Your Culture: What Lies Behind a Narrative of Cultural Identity?"** by Sue Griffin, Zornitsa Keremidchieva and Ruth Stokes, part of the Women in the Curriculum Lunch Series, 12:15-1:30 p.m., Feb. 13, Bangor Lounge, Union. x1228.

**Performance by Adele St. Pierre,** part of the Java Jive Music Series, 8-10 p.m., Feb. 13, Bangor Lounges, Union. Admission Fee. x1793.

14 Wednesday

**"The Admissions Funnel: The Arts and Science of Recruiting Students to UMaine,"** by Jonathan Henry, part of the PEAC Brown Bag Lunch Series, noon-1 p.m., Feb. 14, Bodwell Lounge, Maine Center for the Arts. x1410.

**President's Open Office Hour,** 2-3 p.m., Feb. 14, President's Office, Alumni Hall. x1512.

**"The Catholic Church and the Origins of the Cold War,"** by Peter Kent, professor of history, University of New Brunswick, part of the History Department Symposia Series, 3:15 p.m., Feb. 14, 100 Neville Hall. x1908.

**University Credit Union's Annual Meeting,** 4:30 p.m., Feb. 14. x1458.

**Miss Evers' Boys,** part of the Cinematique Series, 7-9 p.m., Feb. 14, Corbett Business Building. Admission Fee. x1793.

15 Thursday

**Backcountry Evacuation: Building a Better Rescue Sled,** a Maine Bound course, Feb. 15, 125 Lengyel Gym. x1794.

**"Osteoporosis: The Silent Disease,"** by Carol Wood, part of the EAP Lunch and Learn Series, noon-1 p.m., Feb. 15, Bodwell Lounge, Maine Center for the Arts. x4014.

**Dual Relationships: The TA's Dilemma,** a workshop for Teaching Assistants presented by Isabelle Boisclair, 1-3 p.m., Feb. 15, Woolley Room, Doris Twitchell Allen Community Center. x3472.

**Kick and Glide Classic Style Cross Country Skiing,** a Maine Bound course, 3-4:30 p.m., Feb. 15. Admission Fee. x1794.

**Applications for May 2001 Graduation Due,** 4:30 p.m., Feb. 15, 100 Wingate Hall.

**Men's Basketball: UMaine vs. Hofstra,** 7:30 p.m., Feb. 15, Alford Arena. Admission Fee. xBEAR.

16 Friday

**"Real Time Fluorescent Imaging of Digestive Physiology: A Mutational Screen with Guts,"** by Steven Farber, Kimmel Cancer Center, Thomas Jefferson University, Philadelphia, offered by the Department of Biochemistry, Microbiology and Molecular Biology, 2:10 p.m., Feb. 16, 107 Corbett Business Building. x2815.

**"Adaptive Radiation and the Evolution of Reproductive Isolation: Evidence from Introduced Salmon,"** by Andrew Hendry, Darwin Postdoctoral fellow, Organismic and Evolutionary Biology Program, University of Massachusetts, a Department of Biological Sciences seminar, 3:10 p.m., Feb. 16, 102 Murray Hall. x2970.

**Men's Hockey: UMaine vs. UMass-Lowell**, 7 p.m., Feb. 16, Alford Arena. Admission Fee. xBEAR.

**UMaine/BSO Graduate String Quartet in Concert**, part of the School of Performing Arts season, 7:30 p.m., Feb. 16, Minsky Recital Hall. Admission Fee. x1755.

**The Maine Event: Performance by Comedian Buzz Sutherland**, 9:30-11 p.m., Feb. 16, Wells Conference Center. Admission Fee. x1793.

## 17 Saturday

**Intermediate Ice Climbing**, a Maine Bound course, Feb. 17. Admission Fee. Registration required. x1794.

**Level II Avalanche Course**, a Maine Bound course, Feb. 17-19, Mt. Washington. Admission Fee. Registration required. x1794.

**Men's Basketball: UMaine vs. Drexel**, noon, Feb. 17, Alford Arena. Admission Fee. xBEAR.

**Men's Hockey: UMaine vs. UMass-Lowell**, 7 p.m., Feb. 17, Alford Arena. Admission Fee. xBEAR.

## 18 Sunday

**Kayak Rolling Pool Clinic**, a Maine Bound course, Feb. 18, Wallace Pool, Gym. Admission Fee. Registration required. x1794.

**The Massenet Recital**, performed by faculty and students, part of the School of Performing Arts season, 2 p.m., Feb. 18, Minsky Recital Hall. Admission Fee. x1755.

## 19 Monday

**Mount Washington Ice Climbing and Winter Mountaineering**, a Maine Bound course, Feb. 19. Admission Fee. Registration required. x1794.

**Winter "YAK" Youth Adventure Klub**, a Maine Bound program for youths ages 9-12, Feb. 19. Admission Fee. Registration required. x1794.

**The University of Maine Open House**, for prospective students and their parents, offered by the Office of Admissions, 8 a.m.-12:15 p.m., Feb. 19, Maine Center for the Arts. x1561.

**"Effects of Suburbanization on Wildlife in Rhode Island,"** by Peter Paton, Department of Natural Resources Science, University of Rhode Island, part of the Wildlife Ecology Noontime Seminar Series, noon, Feb. 19, 204 Nutting Hall.

**Brown Bag Discussion**, 12:15-1 p.m., Feb. 19, Bangor Lounges, Union. x1793.

## 20 Tuesday

**Geographic Information Systems (GIS) for Everybody**, a Fogler Library Computer Mapping Workshop, 9-10:30 a.m., Feb. 20, Fogler Library Computer Classroom. Admission Fee. Registration required. x1696.

**Musicians' Open Mike Night**, part of the Java Jive Music Series, 8-10 p.m., Feb. 20, Bangor Lounges, Union. x1793.

## 21 Wednesday

**"Killing Us Softly 3: Jean Kilbourne's Critique of Media Images of Women,"** video followed by discussion with the Eating Disorders Awareness Committee, part of the Women in the Curriculum Lunch Series, 12:15-1:30 p.m., Feb. 21, Bangor Lounge, Union. x1228.

**End of First-Third of Semester for Withdrawals**, 4:30 p.m., Feb. 21.

**The Eyes of Tammy Faye**, 7-9 p.m., Feb. 21, Corbett Business Building. Admission Fee. x1793.

## 22 Thursday

**"Franco-American Employees at UMaine: Class and Ethnic Dimensions,"** with Susan Pinette, Suzanne Moulton, Lanette Petrie and Jacques Ferland, part of the Socialist and Marxist Studies Luncheon Series, 12:30-1:45 p.m., Feb. 22, Bangor Lounge, Union. x3860.

**Skate Skiing Primer Clinic**, a Maine Bound course, Feb. 22. Admission fee. Registration required. x1794.

**El Norte**, part of the Peace and Justice Film Series, 7 p.m., Feb. 22, 100 Neville Hall. x3860.

**Women's Basketball: UMaine vs. Boston University**, 7:30 p.m., Feb. 22, Alford Arena. Admission Fee. xBEAR.

## 23 Friday

**Aroostook County Cross Country Ski Trip**, a Maine Bound program, Feb. 23, Presque Isle to Fort Kent. Admission Fee. Registration required. x1794.

## Ongoing Events

### Exhibits/Demonstrations/Tours

**Antonyms: Department of Art Faculty Exhibition**, a Museum of Art exhibit, through March 24, Carnegie Hall. x3255.

**Ustamdan Ogrendim, "I Learned From My Master"; Traditional Turkish Occupations**, a Hudson Museum exhibit of photographs and objects, through June 3, Maine Center for the Arts. x1901.

### Entertainment

**Cabaret**, part of the School of Performing Arts Season, 7:30 p.m., Feb. 23-24 and March 1-3; 2 p.m., Feb. 25 and March 4. Admission Fee. x1755.

### Meetings of Groups/Organizations

**Circle K**, meets every Monday, 6:30 p.m., Bangor Lounge, Union.

**Food for Thought Series**, the first Wednesday of each month, noon-1 p.m., FFA Room, Union. x1392.

**Foreign Language Tables**, Monday - French; Tuesday - Russian; Wednesday - German; Thursday - Spanish; Friday - Irish, 207 Little Hall. x2073.

**Gay/Lesbian/Bisexual/Transgender/Questioning Discussion Group**, meets every Monday, 6 p.m., Old Town Room, Union. x1793.

**International Coffee Hour**, 4-5 p.m., every Friday, 100 Winslow Hall. x2905.

**Maine Peace Action Committee (MPAC)**, meets every Monday, 3:30-5 p.m., Maples Building.

**Muslim Prayer**, noon-2 p.m., every Friday, Drummond Chapel, Union. x1793.

**Level III Avalanche Course**, a Maine Bound course, Feb. 23-26, Mt. Katahdin. Admission Fee. Registration required. x1794.

**Friday Forums**, showcasing student leadership experiences, 3-5 p.m., Feb. 23, Hole In The Wall, Union. x1793.

**Cabaret**, directed by Sandra Hardy, part of the School of Performing Arts season, 7:30 p.m., Feb. 23, Hauck Auditorium. Admission Fee. x1755.

## 24 Saturday

**Level II Avalanche and Snow Stability Course, AIARE Level II**, a Maine Bound course, Feb. 24. Admission Fee. Registration required. x1794.

**Women's Backcountry Camping Trip**, a Maine Bound course, Feb. 24. Admission Fee. Registration required. x1794.

**Students of UMaine Employees Reception 2001**, 11:30 a.m., Feb. 24, Wells Conference Center. x1826.

**Women's Basketball: UMaine vs. Northeastern**, 1 p.m., Feb. 24, Alford Arena. Admission Fee. xBEAR.

**Cinderella**, presented by St. Petersburg Ice Ballet, part of the Maine Center for the Arts performance season, 3 p.m., Feb. 24, Hutchins Concert Hall. Admission Fee. x1755.

**Cabaret**, directed by Sandra Hardy, part of the School of Performing Arts season, 7:30 p.m., Feb. 24, Hauck Auditorium. Admission Fee. x1755.

**Faculty Recital by Keith Crook**, part of the School of Performing Arts season, 7:30 p.m., Feb. 24, Minsky Recital Hall. Admission Fee. x1755.

**Cinderella**, presented by St. Petersburg Ice Ballet, part of the Maine Center for the Arts performance season, 8 p.m., Feb. 24, Hutchins Concert Hall. Admission Fee. x1755.

## 25 Sunday

**Beginner Kayak Rolling Clinic**, a Maine Bound course, 9 a.m.-noon, Feb. 25, Wallace Pool, Gym. x1794.

Send notices of upcoming campus events to **Maine Perspective** for inclusion in the **UMaine Calendar**.



## Cast of 48 to perform *Cabaret*

Theatergoers have a special invitation to come to the cabaret opening soon on campus. There, they will enjoy riveting drama, and vintage music and dance numbers, brought to the stage by a diverse group of talented performers.

A cast of 48 under the direction of Associate Professor of Theatre Sandra Hardy will perform *Cabaret* Feb. 23-25 and March 1-4 in Hauck Auditorium. Student performers and an on-stage, 10-piece band will bring the cabaret to life.

The classic musical by John Kander and Fred Ebb is set in Germany in 1929-30, just prior to the rise of the Third Reich, at a time when the swinging Bohemian lifestyle of Berlin was subverted, and the world forever changed.

As Clifford Bradshaw, one of the play's characters puts it, "I was dancing with Sally Bowles and we were both fast asleep."

"Out of the American canon of musicals, this one has so much meaning for those of us who can remember the crises at that time," says Hardy. "Yet the impact of *Cabaret* isn't dated. You don't have to understand World War II or the rise of Nazism to comprehend the kind of escapism that allows a section of the population to lose sight of its responsibilities to all citizens and go with the flow. *Cabaret* is a metaphor for the kind of escapism that allowed the Holocaust to occur."

The UMaine cast of 48 includes a number of international students. They will be among the first members of the cabaret audi-

ence whom a German officer asks to leave. The visual impact will be sobering, says Hardy, who is particularly interested in issues of diversity, including what it means when the underlying goal is to have none.

"We have a real strong cast with a dynamic mixture of strong acting and musical talent, a spirit of ensemble and an understanding of what they're presenting," Hardy says. "They know that they're coming to the production with a mission not only to entertain an audience throughout the evening but to share the idea that we have to be careful sometimes because the worst in a population can survive if we don't allow our consciences to operate. It is terrible to be victimized by the society we live in."

Rabbi Laurence Milder of Beth El Congregation in Bangor met with the cast Jan. 19 on campus to talk about the religious history of the World War II era. Hardy also hopes to have cast members meet and talk with Holocaust survivors. The discussions further the educational experiences of the students and inform their performances.

"My obligation is to educate students," says Hardy. "They are learning about acting,



Rabbi Laurence Milder of Beth El Congregation in Bangor met with members of the *Cabaret* cast on campus to talk about the religious history of the World War II era.  
Photo by Monty Rand

designing and the human condition. The obligation to students and audiences is to present culture in conflict."

Hauck Auditorium will become a cabaret. Theatergoers will enter the cabaret through Hauck Auditorium lobby, where costumed actors will be seated at tables, waiting for the entertainment to begin. When the curtain goes up, the cabaret audience will be composed of patrons and actors, all of whom will soon be under the spell of the Master of Ceremonies.

Members of the cast include Matthew Small, a third-year communication major from Raymond as the Master of Ceremonies; Dominic Varney, a fourth-year communication sciences and disorders major from Winterport as Clifford Bradshaw; Jasmine Ireland, a fourth-year theatre major from Ellsworth as Sally Bowles; Sandra Bisson, a music education graduate student from Vermont as Fraulein Schneider; and UMaine alumnus and Assistant Director of Admissions Danny Williams as Herr Schultz.

Williams also is the vocal director of the production. Associate Professor of Music Anatole Wieck will direct the stage band. They are joined by choreographer Janet Warner-Ashley, accompanist Clayton Smith and costume designer Richard MacPike, a theatre alumnus working professionally in New York. This creative team worked with Hardy on such UMaine productions as *Kiss Me, Kate* and *Pump Boys and Dinettes*.

The newest member of the team is set designer Chez Cherry who comes to UMaine from Los Angeles, where he designed sets for such clients as the *Tracey Ullman Show*.

Showtimes for *Cabaret* are 7:30 p.m., Feb. 23-24 and March 1-3; 2 p.m., Feb. 25 and March 4. Tickets are \$8 and available at the Maine Center for the Arts Box Office. ▲



The newest artists-in-residence as members of Le Stagioni – the UMaine/Bangor Symphony Orchestra String Quartet are, left to right, violinist Dmitry Fish, Jethro Marks on viola and violinist Alexandra Fish. The three join returning cellist Inna Nassidze. Dmitry Fish is an award-winning artist from Moscow who was a member of the Moscow String Quartet with his wife, Alexandra Fish. Dmitry studied at the Manhattan School of Music and Alexandra at the Brooklyn Conservatory. Jethro Marks, a Vancouver native praised by critics for his "exceptional musicianship," also studied at the Manhattan School of Music where, in 1998, he was the only violist accepted into the Zukerman Program. Inna Nassidze, a native of the former Soviet republic of Georgia, studied at the Curtis Institute of Music. The winner of many prestigious awards, she has performed with such masters as Yo-Yo Ma and Isaac Stern. In Maine, the quartet travels to schools to perform and conduct workshops for students. Friday, Feb. 16, the quartet will perform in Minsky Recital Hall. The concert at 7:30 p.m., will feature works by Mendelssohn and Haydn.

Photo by Monty Rand

## People in Perspective

Thirty years ago, Claire Pratt walked onto campus as a first-generation college student excited to be in an academic environment and away from home.

She's never lost that enthusiasm for the learning environment. And since that day, UMaine has been home.

"I grew up with the University," says Pratt. "It's here that my life has come full circle. I was a student, got married, had children and got a divorce here. People joke that I had my first child in 110 Stevens (because I worked right up to his birthday)."

Pratt, director of budget and business services, also has had an amazing career at the University. As an alumna, she has been an invaluable resource for an untold number of students who came after her. As a budget analyst who is a natural with numbers, Pratt has been an integral member of UMaine's financial management team.

"I always say I was in the right place at the right time," says Pratt of her career. "People say I was doing the right things at the right time."

The valedictorian of Edward Little High School enrolled at UMaine in 1971. She had hoped to major in her first love – mathematics.

"My parents had worked in shoe shops all their lives," says Pratt. "When it was time to go to college, my dad worried that boys, especially in math classes, would know more than I did. I didn't want to offend him so I focused on history and languages. Math was set aside for a while."

Pratt majored in French and minored in history. As a Work Study student, she spent two summers in the Registrar's Office pulling student registration punch cards. She married in 1973.

When she graduated in three and a half years, she hoped to teach in the area. While waiting for a position in a local school to open, her mentor in the Registrar's Office, Alice Oakes, suggested she apply for a clerk-typist job in the College of Arts and Sciences. But there was one problem. Pratt didn't know how to type.

"I took the typing test and I bombed," says Pratt. "After that, every day at noon, I'd go to East Annex and take the tests until I ended up memorizing both versions. I started as a clerk-typist in August 1975 for \$2.56 an hour."

What was to be a temporary job turned

into a 14-year career in the college. Pratt enjoyed the student environment. Those who worked with her quickly recognized her talents.

"Associate Dean Elaine Gershman decided I could be a good bookkeeper," Pratt says. "She saw something in me that I didn't recognize in myself. That's when I started learning the college's finances."

In 1979, Pratt was named assistant to the dean in charge of finances. That included overseeing the appointment cycles of faculty, many of whom she came to know as colleagues.

"The college was growing in the '80s, supported by funding the University received from the legislature," she says. "I worked with other deans of the college who were wonderful mentors, including Mike Lewis, Steve Norton and Julia Watkins. I was surrounded by people who helped me flourish. We had 21 academic departments before the college was split into three with reorganization."

In 1989, Pratt was instrumental in setting up the financial frameworks for the three new colleges created from the College of Arts and Sciences. She also had a choice of which college to join. However, at the request of then chief financial officer Chick Rauch, Pratt joined the Office of Business and Finance in Alumni Hall.

"I began to learn programming and budgeting on the institutional rather than college level," Pratt says. "There was a learning curve but I enjoyed it. What I missed was the faculty and student contact I had in Stevens."

In the next decade, Pratt worked with five chief financial officers. She describes her job as a financial analyst as an "exponential evolution."

"I went from not understanding how my tuition payment worked to realizing that every tuition dollar, all state support and extramural research funding are important to a department and the University as a whole," Pratt says.

In 1997, Pratt was named director of budget and business services, an office that oversees budgeting, travel advance/expense



Claire Pratt

Photo by Monty Rand

processing and accounts payable processing for the University community. She also went back to the classroom.

Two years ago, Pratt was asked to teach a section of LAS 100 – Majoring in the Liberal Arts, an advising seminar for first-year students in the College of Liberal Arts and Sciences. It is one way her life at UMaine has come full circle.

"Being 18 years old today is not the same as it was in the early '70s," says Pratt, whose son, Jonathan, graduated from Brandeis University this past May and whose daughter, Nicole, is now a junior at UMaine majoring in sociology.

"(Students) need support and help in making sure their needs are met, especially when they don't know where to go for answers or they're afraid to approach people with what they think are stupid questions."

"I also talk about what it was like for me as a student who had career plans to teach. I tell them they need to keep their options open and pursue areas of most interest to them. A humanities degree and a hunger for knowledge will get you anywhere."

For Pratt, it all started the first day she walked onto campus in striped bellbottoms.

## Language lessons



Sachiko Takase and Yuko Wakita

### The Undergrad Experience

Yuko Wakita and Sachiko Takase are two UMaine students who are helping to broaden global perspectives on campus.

Wakita enrolled in 1997 to study psychology. As an undergraduate, she has been assisting Associate Professor of Psychology Sandra Sigmon in her research on seasonal affective disorder.

"Allowing students to work in such a laboratory is helpful, giving you a feeling for the atmosphere for research," says Wakita, now a senior graduating in May.

Takase, who came to the University in 1996 to study international affairs in political science, graduated last May. This year she is taking non-degree courses.

Both women are from urban communities: Wakita from Chiba and Takase from Kanagawa. When deciding on a university in the States, UMaine was their choice because of its rural, safe setting.

The two met as instructors in the Critical Languages Program of the Department of Modern Languages and Classics. Wakita, who joined the program in 1998, was looking for a job on campus. Takase is interested in international communication.

Today, Wakita and Takase are two of the three instructors of Japanese language and culture. The experience of teaching four-six hours each week each semester has allowed the two international students to meet many more UMaine students. It also has made them more aware of their own language and culture, they say.

Wakita found herself talking to her students about "those things I've had around me all my life and took for granted" in her homeland. She also honed her English language skills.

Takase worried about being a novice teacher, until she found that her students were very willing to learn. "I learned to better express myself by telling what I know," she says. "Seeing how the other students were learning helped change my own study style."

In addition, both women became interested in learning other languages – Spanish for Takase, French and Korean for Wakita.

According to Professor of Spanish Kathleen March who directs the Critical Languages program, the efforts of Wakita and Takase have other UMaine students inquiring about the possibility of creating a minor in Japanese or Asian studies.

"Learning about language, culture and people is very important in understanding others," says Wakita, who is working to establish a Japanese club for students. "Even if you're not able to have a conversation, you can have deeper communication if you know anything about different cultures." ▲

## CENTER FOR TEACHING EXCELLENCE

The Center for Teaching Excellence, 212 Crossland Hall, is a resource for faculty at the University of Maine. Our mission is to promote continuing improvement in the quality of teaching and learning at UMaine.

([www.umaine.edu/teaching](http://www.umaine.edu/teaching))

### TEACHING LINKS

Our links for this issue are about motivating students:

<http://darkwing.uoregon.edu/~tep/tshooting/motivating.html>

There's a lot of information here: "How do I encourage students to be active/interested?"; "How do I create assignments that are challenging but not overwhelming?"; "To what extent should I care if the class likes or dislikes my teaching style?"; and many other topics.

<http://www.tss.uoguelph.ca/tahb/tah7e.html>

From the 1998-99 TA Handbook at the University of Guelph, this section of the handbook is on motivating students, from sections on "Effective Office Hours," "Maintaining Professional Relationships," "When a Student is in Personal Difficulty," etc., with a link to Queen's University on "Some Tips to Try."

<http://www.uga.berkeley.edu/sled/bgd/motivate.html>

From the University of California - Berkeley, Barbara Gross has identified numerous methods for motivating students in her "Tools for Teaching" section.

## Correction

In the Nov. 13-27 issue of *Maine Perspective*, the "Banding Together" story on the University of Maine Marching Band, Pep Band and Concert Band noted that "The Pride of Maine Black Bear Marching Band evolved out of the Cadet Corps Band, which dates to the mid-1880s." But according to William Bodwell of Brunswick, Class of '50, the marching band got its start in 1946.

"Veterans formed a varsity band," Bodwell says. "They didn't want to play in the ROTC band because they didn't want to wear military uniforms."

Bodwell, who played bass drum, was one of the 38 student musicians that first year. In the following years, band membership grew exponentially. In 1950, there were 108 students in the band, 70 percent of whom were World War II veterans, Bodwell says.

Bodwell played a total of nine years in the University of Maine Varsity Marching and Concert Band. He was asked to stay on for five years after graduation. To do that, he commuted weekly from Dover, N.H., to attend rehearsals. ▲

### Presidential Outstanding Teaching Award

Established in 1990 in recognition of the importance of outstanding teaching to the University of Maine, the Presidential Outstanding Teaching Award will again be presented at the spring Honors Convocation.

The award is presented annually to a tenured UMaine faculty member who has demonstrated outstanding commitment to and ability in the teaching area while maintaining a commitment to scholarship and public service. The recipient will receive a medallion and a monetary award.

A committee that will report to the Provost's Office, consisting primarily of faculty and students, will screen nominees and make a recommendation to the President.

The deadline for receipt of nominations is March 1.

Nomination forms can be obtained from the Provost's Office, 201 Alumni Hall, or by contacting Carole Gardner, x1617, or on FirstClass.



## 18th-century land ownership



Micah Pawling

Photo by Monty Rand

When Loyalists first settled present-day eastern Maine and western New Brunswick in 1783, it irrevocably affected the culture and history of the Native American tribes.

According to graduate student Micah Pawling, this sudden wave of Euro-Americans who presumed land ownership led local Native peoples to adopt tactics brought by the newcomers to assert tribal rights over their homeland.

"Native peoples resisted colonization in many forms and one of the most dominant ways was to adopt the practice of petitioning," says Pawling, a Ph.D. candidate in history who received a Foreign Language and Area Studies Fellowship from the Canadian-American Center. His research is on the Wabanaki peoples: the Mi'kmaq, Maliseet, Passamaquoddy and Penobscot.

"In some cases, Native delegates would approach an intermediary who would then often be moved by their request and draft the petition," says Pawling. "This intermediary was often a priest or government official whom Native leaders could trust to accurately express their request in writing."

Pawling's interest in Native American history began while he was an undergraduate student at the University of Delaware, where he wrote his senior thesis on the Wabanaki Confederacy. His master's thesis, "Petitions, Kin, and Cultural Survival: The Maliseet and Passamaquoddy Peoples in the Nineteenth Century," explores how these two groups adopted the practice of submitting written requests or petitions to Maine, New Brunswick and lower Canada. The Maliseet and Passamaquoddy, who valued the power of the spoken word and oral tradition, used this foreign medium to create and protect Indian land.

Pawling's work also shows how families maintained their cultural identity by retaining intertribal relations and social networks.

"They took an active role in letting their white neighbors know that this was traditional land over which they held a sacred attachment. They justified their claims with previous colonial agreements and by Euro-American forms of justice."

When Euro-Americans settled this disputed territory, different Native peoples struggled to hold on to their culture and identity in a changing world.

"This area was settled rather late with the arrival of Loyalists at the end of the American Revolution. Loyalists, often dispossessed of their own property in the 13 colonies, fled to New Brunswick," says Pawling. "For hundreds of years, the Passamaquoddy had known Europeans to arrive and leave their shores. Now for the first time there was direct settlement and people demanding land."

Native Americans would petition Maine, New Brunswick and lower Canada for many reasons, says Pawling.

"Native petitioners frequently tried to secure portions of their cultural homeland," he says. "Others sought assistance to prevent white squatters from living on and cutting timber on native land."

As more Native peoples learned to read and write English, some began to draft their own petitions, rather than relying on an intermediary. In some communities, like the Maliseet reserve at Tobique, says Pawling, leaders were well acquainted with the petitioning process and repeatedly signed petitions to New Brunswick.

"It's my goal to eventually produce work that is not only important to ethnohistorians, but is also meaningful for Native communities," he says. "I wish to continue to research Native petitions in the dawn-land and perhaps expand my horizons geographically to include other Native groups that would permit a comparative analysis of how different groups resisted Euro-American encroachment in the border-land region of Canada and the U.S."▲

## Environmental sociology

Improving the grantmaking process to make it more reflective of the needs of social movement organizations is the focus of a soon-to-be-released Aspen Institute publication, co-authored by this year's UMaine Thoreau Fellow Deborah McCarthy.

The publication, *Green of Another Color: Building Effective Partnerships Between Foundations and the Environmental Justice Movement*, written with Professor Daniel Faber at Northeastern

University, is the culmination of more than a year of research by McCarthy, which included interviews with key officials in 15 major national foundations that fund the environmental justice movement and related organizations. With a grant from the Nonprofit Sector Research Fund of the Aspen Institute, McCarthy studied the influence of foundation leadership and funding on decisionmaking in social movements.

Her recommendations focus on how grantmakers can change procedures to ensure their funding awards reflect the needs of non-profit applicants, and how social justice organizations can break into foundation funding.

"I'm hoping out of this document and my dissertation to develop recommendations on how to increase movements' access to funds and other resources in a cooperative way so their agendas are not ignored," says McCarthy, a Ph.D. candidate at Northeastern University where her research focuses on philanthropic funding of environmental organizations. "I also hope to heighten awareness about all the incredible work that groups like the environmental justice movement are doing."

McCarthy, who joined the sociology faculty for the academic year as a Thoreau Fellow, began studying social movements, particularly the environmental justice movement, as a graduate student at Virginia Tech. Her master's degree is in urban affairs and planning, and environmental policy.

In her thesis, McCarthy researched land-use planning in the Southeast and how communities involve citizens in decisionmaking processes when hazardous facilities are proposed for siting. She looked at communities' means of mediation: whether steps are taken to involve and empower citizens, or whether a co-op process is in place in which citizens are involved to fulfill a requirement.

McCarthy's Ph.D. research is in environmental sociology and social movements. In the past decade, the environmental justice



Deborah McCarthy

Photo by Monty Rand

*continued on page 14*

With the help of Faculty Research Funds

## Early American Imprints now a statewide resource

In 1810, a black minister in Baltimore, Daniel Coker, wrote "A Dialogue Between a Virginian and an African Minister." This early anti-slavery pamphlet presents a conversation that culminates with the African minister's mastery of the biblical explication convincing the Virginian that slavery did not have scriptural sanction.

The pamphlet also includes a directory of African churches from Boston to Charleston – a clear indication of a large and growing African American social, religious and intellectual network that thrived in the face of slavery, according to UMaine historian Liam Riordan.

"A source like this suggests ways in which a collection like *Early American Imprints* provides more inclusive evidence about early American history than the sorts of family papers and government documents that typically are preserved and microfilmed for research libraries," says Riordan, an assistant professor specializing in early American history.

Coker's anti-slavery imprint is available to scholars worldwide who have access to the 70,000-item collection called *Early American Imprints (1639-1819)*, compiled by the American Antiquarian Society. Its potential readers now include faculty, students and other researchers at the University of Maine and throughout the state.

This research resource of unparalleled value and quality is now available in Fogler Library as the result of unprecedented funding

*continued on page 15*

## Faces Behind the Places



Joseph Murray graduated from the University of Maine in 1925. He went on to earn a master's and Ph.D. from Michigan in 1927 and 1929. In 1934, he was appointed professor and head of UMaine's Department of Zoology. For seven years, he taught during the academic year and directed the University of Maine Marine Laboratory in the summer. He was named dean of the College of Arts and Sciences in 1941, where he remained until his retirement in

1966. He received an honorary degree from UMaine in 1972. It is said that integrity and sincerity were "fundamental characteristics of all his relations."



Howard Neville served as president of the University of Maine from 1973-1979. His emphasis on the quality of students was apparent through the recruitment of National Merit Scholars and establishment of the Maine Scholars Program. During his tenure, UMaine achieved Sea Grant status, funding for sponsored research was increased by several million dollars, Bangor Community College gained equal status as a college at the parent campus, and programs geared to Maine's economy in forestry, agri-

culture and marine resources were strengthened. Along with Neville Hall, the Alford Arena, a Fogler Library addition, and York Village were built during his presidency.

### Campuswide Calendar Available

*Maine Perspective* keeps an electronic calendar listing on-campus University of Maine events for the academic year that have been submitted for inclusion. If you have events already scheduled, send your listings to *Maine Perspective*. If you are planning a future event and want to check for other events scheduled at particular days and times, give *Maine Perspective* a call, x3745.

### Faculty Research Funds Committee Awards

Daniel Dwyer, vice president for research, is pleased to announce the recipients of the Scholarly Materials and Equipment Fund and the Regular Faculty Research Fund competitions. Recipients are selected based on recommendations by the Faculty Research Funds Committee. Funds for this program are provided by the vice president for research as part of a broader investment strategy designed to assist faculty and encourage research and other creative achievements.

#### Scholarly Materials and Equipment

**Linne Mooney**, English, "Photographs of Medieval Manuscript Pages, with Permissions; Scanner, Software, to Create a Prototype for a Scholarly Website Archive"

**James Moreira**, Maine Folklife Center, "Funds to Purchase and Install a Liebert 1 Ton MiniMate2 Environmental Control System to Regulate Temperature and Humidity in the Northeast Archives of Folklore and Oral History"

**Judy Perkins Walker**, Communication Sciences and Disorder, "Computerized Speech Lab 4400 Program, PC Computer System, Digital Recording Equipment"

**Jayendran Rasaiah**, Chemistry, "Spartan Software for Computer Simulation of Ion Channels"

**Liam Riordan**, History, "Early American Imprints (1639-1819); a 70,000 Document Microfiche Collection"

**Sandra Sigmon**, Psychology, "Actigraphy Equipment, Actigraphy Interface, Analysis Software, and Computer with Adequate Processing Capabilities"

#### Regular Faculty Research Fund Proposals

**Karl Kreutz**, Geology, "Isotope Hydrology in High-Elevation Ecuador Watersheds"

**Martha McNamara**, History, "Mapping New England: Landscape Representation in History and Art, 1790-1850"

**Linne Mooney**, English, "Preparing the New Index of Middle English Verse for Electronic Publication"

**Nancy Ogle**, Music, and **Elise Turner**, Computer Science, "Developing Content Specifications for Music Information Processing for Online Databases"

**Rebecca Van Beneden**, School of Marine Sciences, "Establishment of a Yeast Two-Hybrid System to Study Interacting Proteins"

## Globalization the focus of CED companion course to the 14th annual Camden Conference

Themes examined in this year's Camden Conference, "Globalization: Its Impact on You and Me," will be the focus of a three-credit Continuing Education Division course this month.

Students in the CED course, "Globalization: The Dynamic Effects on Governments, Corporations and Societies," will attend the Camden Conference, a program of presentations and discussions on foreign affairs Feb. 9-11. They subsequently will meet for lectures and discussions in March and April at Camden Public Library, the Hutchinson Center in Belfast and on campus.

The course will focus on the impact of globalization on the international environment from the perspectives of governments, corporations, societies and ethical and cultural formulations. This course will examine how these elements interact in the international environment and the foundations that these beliefs are built on.

Teaching the course are Eric Brucker, dean of the College of Business, Public Policy and Health; Doug Allen, professor and chair of philosophy; Diana Lawson, associate professor of marketing; and Joel Blank, assistant professor of political science and the pre-law advisor. ▲

# The CUTTING EDGE

University of Maine Research on the Frontiers of Science

## Radon in schools

Waterborne radon from dishwashers, sinks, drinking fountains and other fixtures can contribute small but significant amounts of radon gas to the air in public schools, according to a UMaine study. However, ventilation systems are very effective in keeping radon concentrations at low levels and reducing exposure to the radioactive gas, researchers have also found.

Mary Jo Norris, a master's student in physics from Brecksville, Ohio, has been analyzing data collected last summer in six elementary schools and UMaine facilities in Orono and Walpole. Her work is supported by grants from the U.S. Environmental Protection Agency and the Maine Department of Human Services. She is working with Charles Hess, professor of physics, one of the pioneers of radon research in the U.S.

Elementary schools in her study include Dedham, Whitefield, Brownville, Swanville, Frankfort and Penobscot. Among the schools, Swanville has the highest concentration of radon in its water supply, but the school also uses an aeration system to remove it prior to use. The highest waterborne radon level in the study was recorded at a field research building at the Darling Marine Center in Walpole.

"We placed devices that detect radon in the air for 24 hours in each school," says Norris. "We also measured how much radon is emitted by water from each of the appliances."

Measurements have been taken during regular school hours when ventilation systems were operating or windows were open, as well as during times when the buildings were closed for the night.

The goal of the study is to determine the relative contribution of radon from water fixtures and appliances to the total radon concentration in the air.

Norris has a bachelor's degree in physics from Cleveland State University and came to UMaine in 1998 to do graduate work on a project related to the decommissioning of Maine Yankee. She became involved in the radon study when funding for that project did not materialize.

## Protection without pasteurization

Finding unpasteurized apple cider isn't easy. Outbreaks of illness linked to contamination of unpasteurized cider by *e. coli* bacteria have occurred in apple growing states from Maine to Washington, and cider producers have been sterilizing their product to protect consumers.

However, heating cider affects the taste. Researchers in the Bio-Resource Engineering Program (BRE) are studying the use of ultra-violet light to sterilize cider without noticeably affecting the flavor.

If they are successful, their work could help the cider industry protect public health and win back consumers who might have turned away from the pasteurized product.

Nazife Canitez, a master's student from Cyprus, has been inoculating samples of unpasteurized cider with bacteria and then treating it with varying levels of ultra-violet (UV) light. The project is under way with help from faculty members Darrell Donahue of BRE, Al Bushway of Food Science and Human Nutrition and Amyl Ghanem of Chemical Engineering.

"We are looking for an alternative to pasteurization," says Canitez. "We bring the cider to our lab, spike it with harmless bacteria and then treat it with UV light. One of the problems with UV is that it doesn't penetrate very far through all the particles that are in cider. Some

researchers deal with this by filtering the cider, but we prefer to test cider as it is actually produced."

Canitez has also been giving samples of UV-treated cider to subjects in the sensory lab in food science. The results indicate that people could not distinguish between treated and untreated cider, she says.

After she graduates, Canitez intends to continue working in the food industry in her country. She comes by her chosen career naturally. She grew up surrounded by delicious smells from her father's chocolate business, Horozoglu Chocolate and Confectionary Ltd.

Canitez received a bachelor's degree in 1998 in food engineering from Ege University in Izmir, Turkey. She intends to complete her project next summer.

## Crowding and crime

The study of crime in the past century has focused primarily on trying to explain why individuals commit antisocial acts. In a new study, Sociology Professor Steve Barkan has found that the roots of crime on a local level lie at least partly in the problem of household overcrowding.

In "Household Crowding and Aggregate Crime Rates," Barkan, argues that household crowding is an often-overlooked contributor to high crime rates. The paper was published in a recent issue of the *Journal of Crime and Justice*.

"In this paper, all of the reasons why household crowding should raise crime rates is laid out," says Barkan. "The correlation was fairly strong and in some cases it was the strongest of any other variable I took into account."

Barkan and other scholars define household crowding as households with more than one person per room. He says although a number of studies have examined the effects of household crowding, most have not. The main focus of most crime studies has been on the effects of poverty and race.

"In this study, I controlled for both poverty and population density, and still found that areas with overcrowded households are more likely to have higher crime rates," he says.

Barkan suggests four reasons for this trend:

▼ Members of overcrowded households, especially adolescents, tend to spend more time outside the home with friends and associates.

▼ Because children in these households tend to stay away from home, they have less parental supervision, which lowers their school achievement. Low school achievement leads to deviant behavior.

▼ Crowded homes produce higher levels of conflict among family members. This conflict weakens the parent-child bond and increases deviant behavior.

▼ Crowded homes increase what Barkan calls moral cynicism, as household members are much less able to shield discreditable acts and information from one another. This reduces respect for conventional moral standards and increases willingness to violate those standards.

The two main categories of crime measured in the report are violent crime and property crime. Barkan used the FBI's Uniform Crime Reports for the figures on crime in the report.

Barkan hopes that research like his will lead urban planners and policymakers to consider solutions to the problem of overcrowding.

**Rose Mary Seymour**, assistant professor of bio-resource and forest engineering: "Comparing Aeration Strategies for Composting," *BioCycle Magazine Journal of Composting and Recycling*, 42(1): 64-7 (January 2001).

**Marisue Pickering**, professor of communication sciences and disorders, and cooperating professor of

education: "The Gift," a poem, *Common Threads*, 60(2):17 (Fall/Winter 2000).

**Douglas Gardner**, associate professor of wood science, **Robert Lopez-Anido**, assistant professor of civil engineering, and Janelle Hensley: "New Methods for Bonding Wood to E-glass/Vinyl Ester Composites," *Adhesives Age* (November 2000).

**Tony Brinkley**, chair of the Department of English and associate professor of English: "Mandelstam's Ravines," a sequence of poems, *ACM (Another Chicago Magazine)*, 37:32-62.

**Henry Munson**, chair, Anthropology: "The Ideologization of Religion in Response to Western Domination: the Cases of Hinduism, Islam, and Theravada Buddhism," *Iran and Beyond: Essays in Middle Eastern History in Honor of Nikki R. Keddie*, edited by Rudolph Mathee and Beth Baron, Costa Mesa, CA: Maazda Publishers (2000).

**David Bradley**, assistant professor of mathematics: "Computational Strategies for the Riemann Zeta Function" (with Jonathan Borwein and Richard Crandall), *Journal of Computational and Applied Mathematics*, 121:247-96 (2000). In addition, Bradley: "Using Integral Transforms to Estimate Higher Order Derivatives," *The American Mathematical Monthly*, 107(10):923-31 (December 2000).

**Shirley (Lee) Davis**, Onward Program; **Ronald Davis**, Biological Sciences and Quaternary Studies; Arlington James, Forestry Division, Commonwealth of Dominica; and **Becky Pregger Talyn**, former zoology graduate student and now postdoc at De Paul University: "Reproductive Behavior and Larval Development of *Leptodactylus fallax* in Dominica, West Indies," *Herpetological Review* 31(4):217-20 (2000).

## Book Ends

### New & Noteworthy at the University Bookstore

**Two O'Clock Eastern Wartime** by John Dunning, **Scribner (2000)**. Widely acclaimed for his crime novels *Booked to Die* and *The Bookman's Wake*, award-winning author John Dunning returns with a riveting new tale of suspense. This WWII thriller is set in and around a radio station in New Jersey in 1942. It is wartime and radio is in its prime, and John Dunning, an expert on American radio history, recreates a whole bygone era and provides an insider's view of a small wartime radio station, while telling a brilliant tale of mystery, murder and revenge.

**Rhode Island Blues** by Fay Weldon, **Atlantic Monthly Press (2000)**. *Rhode Island Blues* tells the story of a 34-year-old film editor in London who believes her only living relative is her stormy and wild grandmother, Felicity. Troubled by her mother's long-ago suicide and her father's abandonment, Sophia overworks, and obsessively contemplates her past. When she travels to Rhode Island to help her grandmother settle into a retirement center, she begins to unravel mysteries about the family history she never knew, while finding relatives she had no idea existed.

**The Accidental Pope** by Raymond Flynn and Robin Moore, **St. Martin's Press (2000)**. The former U.S. Ambassador to the Vatican and the best-selling author of *The French Connection* team up to write this novel about a humble fisherman who is elected pope. After the death of Pope John Paul II, the College of Cardinals is struggling to elect a new Pope, when the expected successor withdraws his name at the last minute. Explaining his decision, he offers an anecdote about being among a boatload of clerics caught in an unexpected storm and miraculously rescued by his friend Bill Kelly, a former priest and now a Cape Cod fisherman. In what the Cardinals think are throwaway symbolic votes, they elect Bill Kelly. So begins the saga of the first American Pope. This tale of suspense, drama and humor gives us insight into the Vatican and the role it plays in world events.

**Of note:** The Bookstore will be celebrating Winter Carnival (Feb. 12-16) with specials throughout the week, including 30 percent off general books.



Gov. Angus King listens as President Peter Hoff outlines UMaine's plans for the future. Hoff and the University of Maine Board of Visitors were in Augusta Jan. 30 for a series of meetings and briefings at the State House. Pictured with King are, left to right, board member Richard Warren, board chair Trish Riley, and members Allen Fernald and Norman Ledwin.

Photo by Monty Rand

## Lobsters *continued from page 2*

Maine and New England by independently monitoring three lobster life stages: larvae in the water, newly settled individuals on the bottom, and older juvenile lobsters.

Since any single measure of abundance may be flawed, Steneck, Incze and Wahle used a different means of detection to monitor the abundance of each stage. Taking a census of different developmental stages in juvenile lobster populations over time is similar to monitoring the total number of students in elementary schools as an indicator of future high school class sizes. If significant changes occur in the abundance of lobster larvae, those changes should immediately translate to changes in that year-class on the bottom. A couple of years later, changes should be evident in the older juvenile lobsters as well.

Since 1995, the scientists found, newly settled lobsters on the bottom have been declining in the Boothbay monitoring region. Similar trends were detected in larvae in New Hampshire and new settlers in Rhode Island. The larvae and settlement studies suggest widespread declines at least west of Penobscot Bay.

Censuses of juvenile lobsters that are two to four years old (two to five years prior to harvest) have been conducted statewide at nearly 40 sites from York to Jonesport. "Most troubling is the consistent decline since 1997 of juvenile lobsters from eastern Muscongus Bay, throughout Penobscot Bay and Hancock County," says Steneck. "This broad swath includes Maine's most-productive lobster-producing regions. While not all of our indicators at all of our study regions are consistent, there is enough consistency for us to announce that signals of a widespread decline in landings are now evident."

The scientists note that many lobstermen will quickly point out that they have seen more egg-bearing lobsters over the past decade than ever before. The scientists agree with those observations. In fact, in the most recent lobster stock assessment, there is evidence that the reproductive potential of lobster stocks is currently high.

However, the scientists say that the decrease in larval lobsters and year-classes on the bottom must be the result of other factors, possibly changes in the ocean environment itself which could affect survival or delivery of the larval stages to the ocean bottom.

This is the first scientific prediction ever made for the future population size of the American lobster. The same method has successfully predicted the abundance of the western Australia rock lobster, says Steneck, with a 90 percent success rate in the past 20 years. ▲

**Karen Boucias**, director of the Office of International Programs, was a member of the selection committee to review applications for the Soros Foundation's undergraduate exchange program, Jan. 9-12 in New York City. She will also

conduct in-country interviews in February with selected students in Latvia, Lithuania and Belarus. The highly competitive program is

for students from eastern Europe and the former Soviet Union. From 1,300 applications, 75 students will be selected to study at 20 institutions in the U.S. for a year. UMaine will host two students next year.

**David Bradley**, assistant professor of mathematics, gave the following invited talks: "Hypergeometric Series and Multiple Polylogarithms," an Algebra and Number Theory Seminar, The Pennsylvania State University, April 6, 2000; "New Results and Conjectures for Multiple Polylogarithms," a conference on q-series with Applications to Combinatorics, Number Theory, and Physics, University of Illinois, Urbana-Champaign, Oct. 28, 2000; "Series Evaluations via Identities/Transformation Formulae for Special Functions," Special Session on Integrals and Series Throughout Mathematics, Joint Mathematics Meetings of the American Mathematical Society, New Orleans, Jan. 10, 2001.

**Max Egenhofer**, director of the National Center for Geographic Information and Analysis (NCGIA), College of Engineering's Liba Professor, professor in Spatial Information Science and Engineering, and cooperating professor in Computer Science, gave a keynote address at the NSF Workshop on Arctic Geographic Information Systems Workshop held in Seattle, Jan. 21-22. The title of his invited talk: "Advances in GIScience Towards Web-Based Arctic GIS."

**Angela Fuller**, wildlife ecology graduate student, presented a paper, "Partial Harvest Guidelines for Maintenance of Marten in Maine," co-authored by **Daniel Harrison**, professor of wildlife, at the Newfoundland Marten Endangered Species Recovery Team meeting in St. John's, Newfoundland, in January.

**Daniel Harrison**, professor of wildlife lead a presentation, "Influences of Trapping Mortality on Current Distribution and Population Dynamics of Marten: A Biogeographical and Empirical Perspective," at the Newfoundland Marten Accidental Trapping and Snaring Workshop in St. John's, Newfoundland, in January.

**Malcolm Hunter**, professor of wildlife resources and Liba Professor of Conservation Biology, has been appointed by The Nature Conservancy to a panel that will review all TNC science programs, domestic and international.

Four students are spending this semester in the Washington, D.C. offices of the Maine Delegation as part of UMaine's Congressional Internship Program. **George Pullen**, a junior political science and economics major from Corinth, is working in the office of Sen. Olympia Snowe. **Julie Mignosa**, a junior international affairs/history major from Bangor, is working in the office of Sen. Susan Collins. **Amy Saunders** from North Monmouth, a senior journalism major and vice president for financial affairs in Student Government, is working in the office of Rep. John Baldacci. **Matthew Dubois**, a junior political science major from Auburn, is working in the office of Rep. Tom Allen. The UMaine Congressional Internship Program, coordinated through the Department of Political Science, began in 1959. More than 150 UMaine students have worked in Washington, D.C. over the years. Professor Matthew Moen directs the program.

**Martie Kendrick** and **Betsy Enright**, education specialists at the Center for Community Inclusion, presented a workshop, "Building a Foundation for Cooperative Behavior," at the TASH National Conference in Miami Beach Dec. 7. Their workshop, part of the conference's early childhood strand, included dissemination of the LEARNS Early Childhood project's monograph, "Building a Foundation for Cooperative Behavior."

**John Maddaus**, associate professor of education, gave a presentation at the Guidance Counselor Day, Jan. 19 at the Black Bear Inn, "Recruitment and Retention of Upward Bound Students at the University of Maine: Guidance Counselor Perspectives," along with **Gail Downs**, research associate with the Center for Research and Evaluation, and **Andre Grimard**, graduate student in education.



"Enriching the undergraduate experience through research" is the theme of a 2001 calendar produced by the Maine Agricultural and Forest Experiment Station, which is now in its 116th year.

The calendar includes photos and descriptions of research projects and the undergraduates who

work with UMaine faculty, graduate students and other scientists, conducting studies in such areas as forestry, biochemistry, aquaculture and animal science.

The free calendars also highlight seminars, training programs and public events occurring throughout the year.

The calendar was produced under the direction of Judy Round, assistant to the director of the Maine Agricultural and Forest Experiment Station.

For a copy of the calendar, call 581-3229 or write round@maine.edu.

**Maureen Smith**, director of Native American Studies, director of Diversity Across the Curriculum and assistant professor of interdisciplinary studies, presented and participated at The City College of The City University of New York's Minority University-Space Interdisciplinary Network (MU-SPIN) workshops, Dec. 2. Smith presented on The Native American Studies and The Wabanaki Center's MU-SPIN grant: "Walking Successfully in Two Worlds, Culturally Acceptable Science for Wabanaki Youth."

**Thomas Sandford**, senior research fellow at The University of Birmingham, England, and associate professor of civil and environmental engineering, attended the Transportation Research Board Annual Meeting, Washington, D.C. Jan. 7-11. Sandford chaired a session, "Load and Resistance Factor Design Applications in Geotechnical Engineering." He also made a presentation on "Some Comparisons of Reliability Based Design to AASHTO Load Resistance Factor Design" and a presentation on "Total Pressure Cells at Soil-Structure Interfaces."

Jan. 11-15, **Dan Sandweiss**, Anthropology and Quaternary & Climate Studies, was an invited participant at the Workshop on Central Andean Paleoclimates, held in Tucson, and sponsored by Earth Systems History and the Inter-American Institute of the National Science Foundation. Sandweiss presented two papers: "Paleorecords of ENSO Variability from Coastal Peru" and "Paleoindian Sites on the Peruvian Coast." In addition, Sandweiss has been reappointed to another three-year term as a research associate of the Section of Anthropology, Carnegie Museum of Natural History, Pittsburgh. Sandweiss has been a research associate at CMNH since 1989 and was a postdoctoral fellow there prior to joining the UMaine faculty eight years ago.

**Robert White**, dean of the Division of Lifelong Learning, was recently appointed to the Executive Committee of NASULGC's Council on Extension, Continuing Education, and Public Service. At NASULG's recent annual meeting in San Antonio, White made a presentation on "Program Integrity in an E-Commerce Environment."

#### Presidential Research and Creative Achievement Award

2001 Presidential Research and Creative Achievement Award nominations are due March 9 in the Office of Research and Sponsored Programs, 424 Corbett Hall. The award, in the amount of \$1,500, is made to a faculty member who has attained distinction in research or creative achievement. Each year, the Faculty Research Funds Committee makes nominations for the President's consideration, and the award is made at the Honors Convocation. Nomination forms are available from Gayle Anderson in the Office of Research and Sponsored Programs, 424 Corbett Hall, x1498, and in the Offices of Deans, as well as on the Web site for the Office of Research and Sponsored Programs ([www.orsp.umesp.maine.edu](http://www.orsp.umesp.maine.edu)).



## Office of International Programs

The Office of International Programs asks faculty to encourage UMaine students to include an international or domestic study away program as part of their UMaine degree program.

For students interested in studying abroad, OIP has partnership and affiliation agreements with universities in 25 countries that allow UMaine students to enroll directly in the partner institution. Many programs are taught in English and all are approved for the transfer of academic credit and use of UMaine financial aid. In addition, the OIP maintains a resource library where students can obtain information on a wide variety of programs, and receive advice and guidance on researching their options. Students who elect to study away independently must work with the OIP to register for an away leave and to obtain pre-approval for the transfer of credit and release of financial aid.

Students wishing to study away in the U.S. may do so through the National Student Exchange program (NSE), also administered by OIP. NSE allows students to enroll at one of 170 participating universities within the United States for a semester or academic year. The cost of NSE is comparable to UMaine in-state rates. Credit is pre-approved for transfer and financial aid is available for most NSE schools.

A schedule of information meetings for study abroad and NSE has been sent to faculty and staff. Interested students should be directed to the Office of International Programs, 100 Winslow Hall.

If your department would like an information session for faculty, contact Karen Boucias, director, or Kara Sheldon, study abroad and exchange coordinator, Office of International Programs. ▲

### UMaine-University of New Brunswick Exchange Program

Proposals are now requested for the exchange program established between the University of Maine and the University of New Brunswick. Each university contributes \$5,000 annually to support this program with the expectation that closer institutional ties will develop among those who share common interests in this international exchange.

Funds are available to support exchanges between faculty members, professional employees and student groups for collaborative research, seminars, symposia and cooperative instruction.

Faculty and Professional Employees – Proposals for funding are invited. Those wishing support for activities during the spring/summer/fall semesters (2001-2002) should submit a brief proposal describing the nature of the exchange activity, personnel involved, duration, budget and anticipated benefits. Call to request an application.

For further information and submission of proposals, contact Raymond Pelletier, Canadian-American Center, 581-4220.

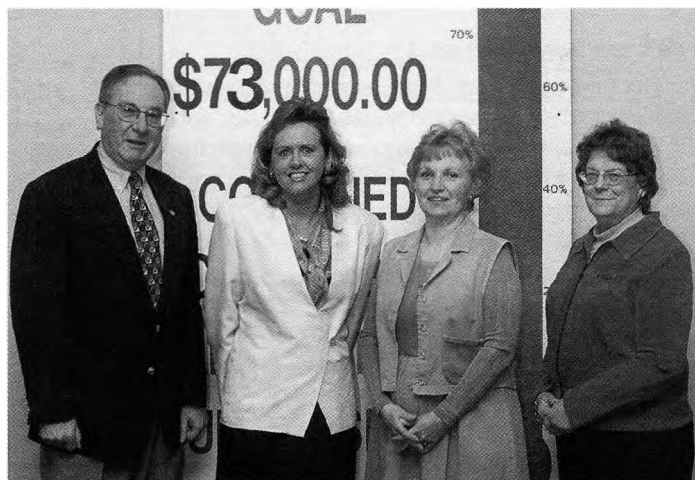
### Presidential Public Service Achievement Award

Since 1982, in recognition of the mission of public service at UMaine, the President has annually presented the Presidential Public Service Achievement Award to an individual University of Maine faculty or professional staff member in a teaching, research, and/or public service unit who has demonstrated distinguished achievement in public service.

Public Service is the application of the special knowledge and skills associated with one's professional life at the University of Maine to enhance the public good, whether through public education, direct assistance in specific situations, or long-term commitment toward achieving particular public service goals. Hence, the definition excludes some forms of "community service," such as serving as a scout leader or participating in other service activities that do not necessarily require one's professional expertise or specialized knowledge of the University. However, this definition is meant to include service that advances the effectiveness of or contributes to the mission of the University – even if it doesn't require the discipline-specific expertise of the nominee.

Nomination materials may be obtained by contacting Carole Gardner in the Provost's Office, 201 Alumni Hall, x1617, or on FirstClass.

Deadline for nominations is March 1.



A recognition luncheon was held last month to honor more than 100 volunteers in the University community who made this year's Combined Charitable Appeal for University Employees so successful. The CCAUE campaign exceeded its goal by almost \$11,000, for a total of \$83,925. The annual goal in recent years has been \$73,000. At the luncheon, UMaine President Peter Hoff, left, commended the volunteers for their hard work. Kay Saucier, third from the left, co-chair of this year's campaign, presented certificates to the 16 team leaders and 86 volunteers. Also on hand for the event were, Carol Colson, second from the left, campaign director for United Way of Eastern Maine, and K. Sawyer, a representative from the National Multiple Sclerosis Society and Community Health Charities of Maine. Photo by Monty Rand

## We Remember

### Geddes Simpson

Geddes Simpson, professor emeritus of entomology and the first recipient of UMaine's Presidential Research and Creative Achievement Award, died Dec. 28 at the age of 92.

Simpson had a 55-year career with the University of Maine – one of the longest in the history of the institution. He joined the University community in 1931 from Cornell University as an assistant professor of entomology, working in the then College of Life Sciences and Agriculture and the Maine Agricultural Experiment Station.

Simpson spent many of the early years in aphid research at the Aroostook State Farm in Presque Isle. Many potato farmers assisted Simpson in his research by counting the aphids in their fields.

In 1935, Simpson received a Ph.D. in economic entomology from Cornell. In his career, he wrote more than 300 scholarly articles, primarily on aphids and potato diseases. Internationally renowned UMaine entomologist Edith Patch was a mentor.

In addition to teaching and research in entomology, Simpson taught honors courses in science for many years. He also chaired the Coe Fund Committee that was responsible for allocating faculty research dollars.

As professor of entomology, he was named chair of the Department of Entomology in 1954. He held that position until his retirement in 1974. That year, Simpson received the Presidential Research and Creative Achievement Award.

Following his retirement, Simpson managed publications for the Experiment Station, and continued to serve, as he had for years, as editor of the *American Potato Journal*.

In April at the Page Farm and Home Museum, a memorial lecture on Simpson's life will be given by his longtime friend and colleague, David C. Smith, Bird and Bird Professor Emeritus of History and professor of agricultural history, Maine Agriculture Experiment Station. The lecture will be followed by a talk on the interaction between North American and United Kingdom farmers from 1784-1885. The talk is taken from a chapter in a forthcoming book, *Agricultural and Land Use of the Northeast*, (Garland Press, New York 2001).

## **Art** *continued from page 1*

This semester, a \$6 million fund-raising effort will begin, \$4 million of which has been requested from the legislature. The University is studying ways to create a new home for the department by renovating an existing building on campus and adding a studio annex in a second location. Several buildings on campus are currently being studied for possible renovation, including Lord and Carnegie halls.

In 1966, the Department of Art moved into Carnegie Hall, with four faculty members and a dozen art majors. The department has since grown to 20 faculty and 175 majors.

"We are bursting at the seams. Every day we play 'lifeboat' over conflicting space needs," says Linehan. The nine part-time faculty share a single office – and a computer.

While working to find funding for a new facility, the Department of Art has continued to grow. New faculty have been hired and programs initiated, based on the solid foundation of three long-standing degree areas – B.A. programs in art education, art history and studio art. Enrollment continues to increase, both in the number of art majors and non-majors taking courses in the department.

Last year, the department generated 4,200 credit hours, half of which were earned by non-majors in art. Nationwide, art programs are among the fastest growing academic fields, Linehan says.

In Maine, there are more artists per capita than in any other state. "This is a place where art happens," he adds.

As artists and scholars, the faculty have brought national and international recognition to UMaine. Their studio exhibitions and research in such areas as non-toxic printmaking, digital art, Medieval art and cultural theory in art education have put the University on the map.

"We have terrific students, and we have faculty who are professionally competitive with any art faculty nationwide," says Linehan. "The missing links are adequate facilities and dedicated space. With a new home for the Department of Art, we can bring education in the visual arts to a whole new level in the Maine."

The Department of Art is phenomenally healthy, Linehan points out, but its progress will slow without adequate facilities. "We are a vital, growing department that is literally against the wall," says Linehan. "We can't grow further without solving our facilities crisis."

For the Department of Art, the argument for a new facility is not one of "build it and they will come." The students are already here, in need of a state-of-the-art learning environment, Linehan says. And more are waiting for the opportunities new accommodations can provide.

"There are 700 art majors in the University of Maine System today. Some may transfer to UMaine with a new facility. With a new facility and a B.F.A. in place, we could actively recruit in a much wider market, out of state and abroad. We could go to 300 majors within three years with new space," he says.

Meeting the needs of visual art students, preparing them to be active participants in the field and offering a competitive, rigorous academic program have long been priorities for the department. Three bachelor of arts degrees are now offered in studio art, art education and art history, each with about 100, 45, and 30 majors, respectively. A B.F.A., considered the standard degree for graduate school admission, is offered at all other land-grant universities in New England.

"We held off on creating a bachelor of fine arts program, partly because of space limitations. But that is in the approval process at this time," says Linehan.

The department also has just received approval for a certificate program in museum studies. "With the Museum of Art moving downtown (to Bangor), we will fill the need to have art displayed on

campus with a new gallery program in the department. We expect to attract new students to those programs. The hope is to eventually offer museum education at both the undergraduate and graduate levels."

Most recently, Cher Knight joined the faculty to oversee establishment of the gallery and museum studies initiatives. A second faculty member specializing in art education will be hired this year to meet the needs of majors in the field, making an expansion into museum education possible in fall 2001.

To complement the solid foundation offered in art education, art history and studio art, the department proactively added a digital art concentration three years ago. Digital art, in which the computer is a tool, is a strong component of one of the fastest-growing interdisciplinary fields on campus – new media.

"Almost half of all the students with new media minors are art majors," Linehan says. "We're now seeing graduates with B.A.'s in studio art and minors in new media or digital art going out the door and getting great paying jobs in Web design and related areas."

"In addition, almost half the art teachers in the state are UMaine graduates," Linehan says. "We have a huge ripple effect on cultural life and the vitality of art education in Maine."

Another new faculty member, Foundations Coordinator Andy Mauery, is focusing on one of the department's priorities – the first-year foundation courses required of all students in art education and studio art. They are being reviewed and adapted to ensure a comprehensive base on which to build the next chapter in UMaine's history in the visual arts.

"The Department of Art was founded in 1946 by Vincent Hartgen," Linehan says. "Vincent wanted to show great art to the people of Maine and the University. He wanted to raise new generations of artists and art lovers. We now want to continue that mission into the next century."

"Our goal is to be the best, most comprehensive public art program in northern New England. We have no doubt we can do this once our facilities meet the caliber of our programs, faculty and students," says Linehan. ▲

## **Sociology** *continued from page 8*

movement has emerged as a distinct part of mainstream environmentalism. Low-income communities and people of color increasingly are addressing inequities and racism involved in land-use decision making. Unlike the mainstream environmental movement that is often geared to creating pristine areas untouched by people or where human effect is minimized, the environmental justice movement addresses the realities of living in the local environment – the interaction of people and the environment.

Environmental justice groups have made significant policy advantages in the past 10 years. For instance, successful community organizing and protest activity led to the passage of Executive 12898 (Federal Actions to Address Environmental Justice in Minority Populations and Low-Income Populations) on Feb. 11, 1994. This order attempts to address environmental injustice within existing federal laws and regulations.

Despite such success, "the environmental justice movement is extremely under-funded as compared to others like the Sierra Club," says McCarthy. "The needs of people of color in low-income communities are not addressed by mainstream foundations that are historically white, middle- and upper-class and male. That makes this research very important." ▲

## Imprints *continued from page 9*

from the Scholarly Materials and Equipment Fund. *Early American Imprints (EAI)* includes nearly every (non-newspaper) publication in the 13 mainland British colonies (and then United States) before 1820.

The collection includes the entire texts of imprints, which have been reproduced on microfiche from the best surviving copies of the original documents. The documents of one to 300 pages include publications in French, Latin and German.

UMaine now is the only institution in the state with the full *Early American Imprints* collection.

For many years, approximately half of the *EAI* collection has been available in Fogler Library. Originally purchased by the Bangor Public Library on microcards, this collection was transferred to Fogler which maintained the technology, called a microprint reader-printer, needed to magnify and make legible the microprint on these opaque cards.

Through the years, Fogler, like many other research libraries, has struggled to keep this obsolete format usable. Today, Fogler has one of

the few "working" reader-printers in existence, but it requires a lot of nursing and it is clear that its days are numbered, says Mary Casserly, head of collection development at Fogler.

Several years ago, Fogler Library added individual records for about 35,000 of the *EAI* titles on URSUS and undergraduate use of the collection increased dramatically. This was no surprise to Riordan.

"*EAI* is an example of the impressive 20th century efforts to democratize access to materials about American history," says Riordan. "Any research project about North America before 1820 can begin with a 10-minute computer search of *EAI*, which can provide a solid sense of the material printed in the colonial and early national United States related to the topic."

For the past two years, Riordan and others explored ways to raise the \$150,000 needed to convert Fogler's microcard holdings to microfiche, purchase the 35,000 additional fiche needed to complete the collection, and add the remaining bibliographic records to URSUS.

Last November, Riordan and almost 20 colleague co-sponsors from many academic disciplines applied to UMaine's Faculty Research Funds Committee for a Scholarly Materials and Equipment award. On the recommendation of Vice President for Research Dan Dwyer, the committee allocated almost \$93,000, to be paid in annual installments in the next four years, to purchase the *EAI* collection for the library to support interdisciplinary research. Fogler Library, The Katherine O'Brien Library Fund, The Canadian Studies Center, The College of Liberal Arts and Sciences, The Native American Studies Program, and Fogler Library Friends provided the balance of the funds needed to realize this project.

In December, Readex, *EAI*'s publisher, agreed to deliver the entire collection to Fogler upon receipt of the first-year payment. Delivery has already begun and is expected to be completed in February. The records for *EAI* will soon be available via URSUS, the shared catalog of the University of Maine System.

"*EAI* is a major addition for Fogler and is an essential collection for it to be a first-rate research library," says Riordan. "It's a tribute to the Scholarly Materials and Equipment Fund committee (members) that they were willing to dedicate such a large portion of their resources to this acquisition, but this remarkable funding source highlights dire collections and staff problems that our library currently faces." ▲

## Positions Available

The following faculty and professional positions are currently available at the University of Maine. This list includes titles and contact information.

Interested parties should consult either the University of Maine contact listed for each open position or Web listing ([www.umaine.edu/hr/jobs](http://www.umaine.edu/hr/jobs)) to obtain a complete job announcement, including required qualifications. All positions are full time, unless otherwise specified. Questions about search procedures should be directed to the Office of Equal Opportunity, 581-1226.

### Assistant Football Coach/Defensive Coordinator, Athletic Department.

Review Begins: Immediately. Contact: Send letter of application and resume to Jack Cosgrove, Head Football Coach, 5747 Memorial Gym, University of Maine, Orono, ME 04469.

### Coordinator, ATM Activities, College of Education and Human Development.

Salary range: \$32,000 + benefits. Review Begins: Feb. 1. Contact: Forward a letter of interest, resume, and the names, addresses, and telephone numbers of three professional references to Wayne Garthwait, 5766 Shibles Hall, University of Maine, Orono, ME 04459-5766.

### Director, Center for Teaching Excellence, Vice President Academic Affairs.

Salary Range: \$35,000 to \$50,000 depending upon experience and qualifications. Review Begins: March 15. Contact: Submit a letter of interest, resume, a statement of philosophy, and at least three recent letters of reference with telephone numbers to Chair, Director of Teaching Excellence Search Committee, 5703 Alumni Hall, University of Maine, Orono, ME 04469-6703 or email inquires to: [Douglas.Gelinas@umit.maine.edu](mailto:Douglas.Gelinas@umit.maine.edu).

**Mass Spectrometrist, Department of Chemistry.** Salary Range: \$36,000 to \$42,000. Review Begins: Immediately. Contact: Send electronic copies of your resume (and two letters of reference on your behalf) to: [solouki@maine.edu](mailto:solouki@maine.edu) or fax copies to (207)581-1191.

### INFORMATION ON OPENINGS FOR CLASSIFIED POSITIONS

Because most classified (hourly paid) positions are posted for brief time periods, it is not feasible to announce them in *Maine Perspective*. For updated information on current classified positions available at UMaine, call the jobs line, 581-4567, or check the Web listing ([www.umaine.edu/hr/jobs](http://www.umaine.edu/hr/jobs)). Application forms are available at: Personnel Services, 124 Corbett Hall, University of Maine, Orono, ME 04469.

*The University of Maine is an Equal Opportunity/Affirmative Action Employer. In complying with the letter and spirit of applicable laws and in pursuing its own goals of diversity, the University of Maine System shall not discriminate on the grounds of race, color, religion, sex, sexual orientation, national origin or citizenship status, age, disability, or veterans status in employment, education, and all other areas of the University. The University provides reasonable accommodations to qualified individuals with disabilities upon request. Questions and complaints about discrimination in any area of the University should be directed to Evelyn Silver, Director of Equal Opportunity, The University of Maine, Room 101, 5754 North Stevens Hall, Orono, ME 04469-5754, telephone (207) 581-1226 (voice and TDD).*

## Summer *continued from page 2*

new children's museum (in Bangor) and a full-service campus, we could attract families here for extended periods of time in the summer."

UMaine in the summer should be a culturally active place "where there is a lot happening on a daily basis for people in this region to enjoy," Cobb says. That also is key to tapping into the tourist industry and marketing the University as "one of the planned stops as people make their plans to stay in Maine."

Attracting people from other states and around the world should be a goal not only for Summer Session students and summer visitors, but for faculty from other institutions. An example is the Darling Marine Center's successful Visiting Investigators Program in which the state-of-the-art facilities in Walpole are accessible to national and international researchers in the summer months.

Experiencing comparable success is the Middle Level Institute, now in its 17th year on campus, which is drawing middle school educators from as far away as Puerto Rico.

"People come here for the Maine summer and the academic experiences in their areas," Cobb says. "Now we need to extrapolate that to a broader campus perspective." ▲

**U.S. Department of Education's Field-Initiated Studies Program** awards grants to conduct investigator-initiated education research addressing problems and issues of national significance. Awards in the last competition ranged from about \$77,000 to about \$660,000. Letters of intent are due March 5; proposals, April 3.

**National Science Foundation's Information Technology Workforce Program** supports projects that address research questions related to the underrepresentation of women and minorities in the IT workforce. Anticipated topics pertain to three basic themes: Environment and Culture, IT Educational Curriculum, and IT Workplace. The Program requires collaboration among researchers in IT, the social sciences, and/or education. Deadline: March 19.

**U.S. Department of Energy's Environmental Management Science Program** invites proposals for basic research in all areas of science with the longer-range potential for addressing problems in deactivation and decommissioning of DOE facilities. Relevant disciplines include, but are not limited to, chemical sciences, engineering sciences, materials science, and bioremediation. Deadline: March 20.

**National Telecommunications and Information Administration's Technology Opportunities Program** makes matching grants of up to \$900,000 for model demonstrations of innovative uses of digital network technologies in underserved communities. TOP projects address challenges in such areas as lifelong learning, community and economic development, government and public services, safety, health, and culture and the arts. Deadline: March 22.

**American Cancer Society's Research Scholar Grants in Psychosocial and Behavioral Research** are directed at understanding and improving the motivational factors in cancer prevention and screening, and the social and emotional impact of cancer and its treatment on individuals, their families, and their caregivers. Awards are made for up to five years and up to \$500,000 per year. Deadlines: April 1, Oct. 15.

**National Institutes of Health**, as part of a trans-NIH Obesity Initiative, invite applications for research bearing on physical activity and obesity across chronic diseases. Three general areas are encouraged: studies examining physical activity and obesity relationships; studies to improve methodology of assessment of physical activity and energy balance; and studies to test intervention approaches that incorporate physical activity for obesity prevention or treatment related to chronic diseases.

**For more information, call Research & Sponsored Programs, x1476, or visit our Web site ([www.orsp.umesp.maine.edu](http://www.orsp.umesp.maine.edu)).**

#### Public Policy Research Funds Program

The Margaret Chase Smith Center for Public Policy announces the summer Public Policy Research Funds Program for summer 2001. The purpose of the program is to support faculty research projects that involve significant issues of public policy for the state. Projects should have an applied orientation and serve the research interests of the faculty member. Projects should include some interaction with local or state groups, agencies or organizations in Maine and produce products such as grant proposals or publications. Appropriate subjects for research could involve the state's economy, education, employment, energy, environment, ethnic groups, housing, poverty, social services, or transportation, and that include interaction with local or state groups, agencies or organizations.

The 2001 program will provide up to three \$3,000 awards for summer support or graduate research assistance, as well as a limited amount for operating costs. Deadline for submission of applications is Feb. 28.

Application materials are available at the Margaret Chase Smith Center for Public Policy, 15 Coburn Hall, 581-1648. For more information, call or visit the Center's Web site ([www.umaine.edu/mcsc](http://www.umaine.edu/mcsc)).

#### Institutional Animal Care and Use Committee

The Institutional Animal Care and Use Committee (IACUC) would like to remind investigators/instructors that no research, teaching or testing activities using live vertebrate animals shall be initiated until the IACUC has approved a protocol for such use. Listed below are the meeting dates for the spring semester. Completed Protocol review forms should be submitted two weeks before the meeting date in order to be reviewed at that meeting.

Protocol review forms and copies of the University's Policies and Procedures for the Humane Care and Use of Animals are available from Gayle Anderson, Office of Research and Sponsored Programs (ORSP), 424 Corbett Hall, x1498. The information also is available at the ORSP Web site ([www.orsp.umesp.maine.edu](http://www.orsp.umesp.maine.edu)).

IACUC Meeting Dates (submit protocols at least two weeks before meeting date): Feb. 20, March 20, April 24, May 22.

#### Student Academic Conference Travel Fund

The Student Academic Conference Travel Fund for undergraduate students will hold its second competition of the academic year. This fund serves undergraduate students who need financial assistance for travel to meetings/conferences of an academic nature. Applications must be submitted to the Office of Academic Affairs, 201 Alumni Hall, by Monday, Feb. 19. Money will be awarded for travel taking place between Feb. 20 and Sept. 23. Applications may be obtained from Joan Day, Office of Academic Affairs, 201 Alumni Hall, or by calling x1547.

## What's Ahead



**"The Admissions Funnel"**  
February 14

**Dual Relationships:  
The TA's Dilemma**  
February 15

**The University of Maine  
Open House**  
February 19

**Students of UMaine  
Employees Reception**  
February 24

The University of Maine  
*Maine Perspective*  
Department of Public Affairs  
5761 Public Affairs  
Orono, Maine 04469-5761

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